

Date: 03 November 2011

Product: KNACK Insect Growth Regulator

Active Ingredient: Pyriproxyfen

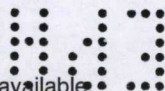
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**DATA MATRIX**

Date <b>03 November 2011</b>			EPA Reg No./ File Symbol <b>59639 - 95</b>		No. of Pages <b>62</b>
Applicant's/ Registrant's Name & Address <b>Valent U.S.A. Corporation</b> <b>1600 Riviera Avenue, Suite 200   Walnut Creek, CA  94596</b>			Product <b>KNACK Insect Growth Regulator</b>		
Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
10-99	Acute Dietary Exposure and Risk Assessment: Pyriproxyfen	44503502	Valent U.S.A. Corporation	OWN	ACCNO: 9700396
10-99	Acute Dietary Exposure and Risk Assessment: Pyriproxyfen on Cotton	44503501	Valent U.S.A. Corporation	OWN	ACCNO: 9700397
10-99	Application For Experimental Use Permit and Data Transmittal Document For KNACK Insect Growth Regulator on Cotton.	43849800	Valent U.S.A. Corporation	OWN	ACCNO: 9500671
10-99	Application for Pesticide Registration Sumilary Technical Grade - Transmittal Document.	42343201	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500519
10-99	Application for Pesticide Registration Sumilary Technical Grade - Transmittal Document and Administrative Materials.	Admin	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500520
10-99	Dietary Exposure and Risk Assessment for Pyriproxyfen Residues in/on Citrus Fruit, Cotton, Fruiting Vegetables, Pome Fruit and Tree Nuts	44630108	Valent U.S.A. Corporation	OWN	ACCNO: 9800222
10-99	KNACK Insect Growth Regulator - Reduced Risk Petition for Use on Citrus, Tomatoes, Peppers and Almonds	44779501	Valent U.S.A. Corporation	OWN	ACCNO: 9900084
10-99	KNACK Insect Growth Regulator - Reduced Risk Petition For Use on Pome Fruits and Walnuts	None	Valent U.S.A. Corporation	OWN	ACCNO: 9800012





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Ingredient Pyriproxyfen					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
10-99	PYRIPROXYFEN Insect Growth Regulator -- Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerances on Cotton, Pome Fruits (Including Apples and Pears) and Walnuts	44329501	Valent U.S.A. Corporation	OWN	ACCNO: 9700318
10-99	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on the Citrus, Fruiting Vegetables (including Tomatoes and Peppers) and Tree Nuts (including Almonds and Tomatoes and Walnuts)	None	Valent U.S.A. Corporation	OWN	ACCNO: 9800238
10-99	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on the Pome Fruits (including Apples and Pears) and Walnuts	None	Valent U.S.A. Corporation	OWN	ACCNO: 9700319
10-99	Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerances for Pyriproxyfen on Citrus, Tomatoes, Peppers, and Almonds	44630101	Valent U.S.A. Corporation	OWN	ACCNO: 9800224
10-99(a)	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on Cotton and Registration of KNACK Insect Growth Regulator	None	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600321
10-99(c)	Chronic Dietary Exposure and Risk Assessment For the Proposed Use of Pyriproxyfen on Cotton	44037201	Valent U.S.A. Corporation	OWN	ACCNO: 9600295



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Ingredient Pyriproxyfen					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
10-99(c)	Chronic Dietary Exposure and Risk Assessment: Pyriproxyfen	44329513	Valent U.S.A. Corporation	OWN	ACCNO: 9700304
10-99(d)	Assessment of the Exposure and Potential Risk of Knack Insect Growth Regulator Applied to Cotton	44037202	Valent U.S.A. Corporation	OWN	ACCNO: 9600290 9600091
10-99(e)	Probabilistic Modeling of Pyriproxyfen Exposure to Aquatic Nontarget Organisms Associated with Pyriproxyfen use on Cotton.	44037203	Valent U.S.A. Corporation	OWN	ACCNO: 9600306
10-99(f)	Estimation of Volatile Emission Potential of Liquid Pesticides by Thermogravimetry	None	Valent U.S.A. Corporation	OWN	ACCNO: 9500797
10-99(g)	Efficacy and Phytotoxicity of KNACK Insect Growth Regulator on Cotton	None	Valent U.S.A. Corporation	OWN	ACCNO: 9600324
61-1	Product identity and composition Sumilarv Amended	41423301	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600122
61-1	Product Identity and Disclosure of Ingredients for KNACK Insect Growth Regulator.	43849801	Valent U.S.A. Corporation	OWN	ACCNO: 9500659
61-1	Sumilarv - Product Identity and Composition - Amended MRID #41321701 - Product Identity and Disclosure of Ingredients.	42178301	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500496



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
61-2(b)	Sumilarv - Product Identity and Composition - Amended MRID #41321701 - Discussion of the Formation of Impurities.	42178301	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500496
61-2(b)	Sumilarv - Supplemental Data: Product Identity and Composition - Supplement to Sumilarv Volume 2, MRID #42178301 - Discussion of the Formation of Impurities.	42343203	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400796 9500502
61-2(b)	Supplementary Information: Beginning Materials and Manufacturing Process.	42989201	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500499
61-3	Discussion of the Formation of Impurities for KNACK Insect Growth Regulator.	43849801	Valent U.S.A. Corporation	OWN	ACCNO: 9500659
61-3	Product identity and composition Sumilarv Amended	41423301	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600122
62-1	Analysis and certification of product ingredients - Sumilarv Amended	41423302	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600122
62-1	Preliminary Analysis of Product Samples of KNACK Insect Growth Regulator.	43849802	Valent U.S.A. Corporation	OWN	ACCNO: 9500658



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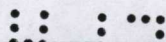
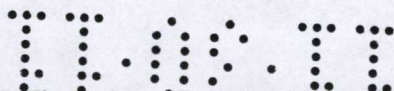
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Ingredient Pyriproxyfen					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
62-1	Sumilarv - Analysis and Certification of Product Ingredients - Revised MRID # 41423302 - Preliminary Analysis of Product Samples of Sumilarv Technical Grade.	42201401	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500484
62-2	Analysis and certification of product ingredients - Sumilarv Amended	41423302	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600122
62-2	Certification of Ingredient Limits of KNACK Insect Growth Regulator	43849802	Valent U.S.A. Corporation	OWN	ACCNO: 9500658
62-2	Sumilarv - Analysis and Certification of Product Ingredients - Revised MRID# 41423302 - Certification of Ingredient Limits of Sumilarv Technical Grade.	42201401	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500484
62-3	Analysis and certification of product ingredients - Sumilarv Amended	41423302	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600122
62-3	Analytical Methods to Verify Certified Limits of KNACK Insect Growth Regulator.	43849802	Valent U.S.A. Corporation	OWN	ACCNO: 9500658
62-3	Sumilarv - Analysis and Certification of Product Ingredients - Revised MRID# 41423302 - Analytical Methods to verify Certified Limits of Sumilarv Technical Grade.	42201401	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500484





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Ingredient **Pyriproxyfen**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
63-02	Color of Sumilarv Technical Grade	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-03	Physical and Chemical Characteristics of KNACK Insect Growth Regulator.	43849803	Valent U.S.A. Corporation	OWN	ACCNO: 9500660
63-03	Physical State of Sumilarv Technical Grade.	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-04	Odor of Sumilarv Technical Grade.	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-05	Melting Point of Sumilarv Technical Grade.	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-07	Density of Sumilarv Technical Grade	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-07	Physical and Chemical Characteristics of KNACK Insect Growth Regulator.	43849803	Valent U.S.A. Corporation	OWN	ACCNO: 9500660



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
63-08	4'-OH-Pyriproxyfen - Water Solubility	44036901	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600201 9600308
63-08	Determination of Solubility of Sumilarv Technical Grade in Organic Solvents.	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-08	PYPAC - Water Solubility	44036902	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600294
63-08	Water Solubility of Pyriproxyfen	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-09	Vapor Pressure Determination of Sumilarv.	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-10	Dissociation Constant of Sumilarv	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-11	4'-OH-Pyriproxyfen-Octanol/Water Partition Coefficient	44036903	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600292



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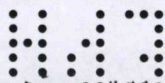
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Ingredient Pyriproxyfen					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
63-15	Physical and Chemical Characteristics of KNACK Insect Growth Regulator.	43849803	Valent U.S.A. Corporation	OWN	ACCNO: 9500660
63-16	Sumilarv - Physical and Chemical Characteristics - Explodability.	42343204	Valent U.S.A. Corporation	OWN	ACCNO: 9400037 9500501
63-17	Storage Stability of Sumilarv Technical Grade at Ambient Temperature for 1 Year.	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500581
63-17	Storage Stability of Sumilarv Technical Grade at Ambient Temperature for 1 Year.	41654101	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-18	Physical and Chemical Characteristics of KNACK Insect Growth Regulator.	43849803	Valent U.S.A. Corporation	OWN	ACCNO: 9500660
63-20	Corrosion Characteristics at Ambient Temperature of KNACK Insect Growth Regulator	44037204	Valent U.S.A. Corporation	OWN	ACCNO: 9600289
63-20	Corrosion Characteristics at Ambient Temperature of KNACK Insect Growth Regulator - A Six Month Interim Report.	43849804	Valent U.S.A. Corporation	OWN	ACCNO: 9500657





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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
63-20	Corrosion Characteristics of Sumilarv (S-71639) Technical Grade at Ambient Temperature for 1 Year.	41321703	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500580
63-20	Corrosion Characteristics of Sumilarv (S-71639) Technical Grade at Ambient Temperature for 1 Year.	41654101	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400037 9500581
70-1-SS	Clomazone: Analysis of Potential Direct and Indirect Effects on Threatened and Endangered Species	47647401	FIFRA Endangered Species Task Force	OWN	ACCNO: 200903331
70-1-SS	Federal Endangered Species Task Force (FESTF) Information Management System (IMS): Beta-Tested IMS 2.0 and Access to NatureServe Data. Final Report	46486301	FIFRA Endangered Species Task Force	OWN	ACCNO: 200603318
70-1-SS	The FIFRA Endangered Species Task Force Information Management System (IMS): Documentation of Structure and Function of IMS 1.1	46325901	FIFRA Endangered Species Task Force	OWN	ACCNO: 200603320
70-1-SS	NatureServe Data Evaluation and Review	47260101	FIFRA Endangered Species Task Force	OWN	ACCNO: 200903332
71-1(a)	The Avian Single-Dose LD50 Study of S-31183 to the Mallard Duck.	41321704	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400038 9500539



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
71-1(a)	The Avian Single-Dose Oral LD50 Test of S-31183 to The Bobwhite Quail.	41321705	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400038 9500537
71-2(a)	A Dietary LC50 Study on S-31183 (S-71639) to the Bobwhite Quail.	41321706	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400038 9500582
71-2(b)	A Dietary LC50 Study on S-31183 (S-71639) to the Mallard Duck.	41321707	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400038 9500583
71-4(a)	Sumilarv: A Pilot Reproduction Study with the Nothern Bobwhite (Colinus virginianus).	44036905	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400293
71-4(a)	Sumilarv (S-71639): Reproduction Study with the Northern Bobwhite (Colinus virginianus).	44036906	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400293
71-4(b)	Sumilarv: A Pilot Reproduction Study with the Mallard (Anas platyrhynchos)	44036907	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400293
71-4(b)	Sumilarv: A Reproduction Study with the Mallard (Anas platyrhynchos).	44036908	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400293
72-1(a)	Acute Flow-Through Toxicity of Sumilarv to Bluegill (Lepomis Macrochirus).	41321708	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500542



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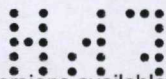
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**DATA MATRIX**

Date 03 November 2011		EPA Reg No./ File Symbol 59639 - 95		No. of Pages 62	
Applicant's/ Registrant's Name & Address		Valent U.S.A. Corporation 1600 Riviera Avenue, Suite 200 Walnut Creek, CA 94596		Product KNACK Insect Growth Regulator	
Ingredient Pyriproxyfen					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
72-1(a)	Fish Acute Studies with Technical Sumilarv (Pyriproxyfen) Response to DER Comments & Presentation of New Information.	43164001	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9508061
72-1(c)	Acute Flow-Through Toxicity of Sumilarv to Rainbow Trout (Salmo gairdneri).	41321709	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500540
72-1(c)	Fish Acute Studies with Technical Sumilarv (Pyriproxyfen) Response to DER Comments & Presentation of New Information.	43164001	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9508061
72-2(a)	Acute Flow-Through Toxicity of Sumilarv to Daphnia magna.	41321710	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500541
72-3(a)	Acute Flow-Through Toxicity of Sumilarv T.G. to the Sheepshead Minnow (Cyprinodon variegatus).	44036909	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400114
72-3(b)	Acute Flow Through Mollusc Shell Deposition Test with Sumilarv T.G.	44036910	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400114
72-3(c)	Acute Flow Through Toxicity of Sumilarv T.G. to the Mysid, Mysidopsis bahia.	44036911	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400114
72-4	Response to EPA Review of SUMILARV (Pyriproxyfen) Chronic Toxicity to Mysids (Mysidopsis bahia) Under Flow-Through Conditions"	44838402	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9900153





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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
72-4(a)	Appendix III to Sumilarv Raw Data Report for MRID 42178319 - Early Life Stage Toxicity of Sumilarv Technical to the Rainbow Trout (Oncorhynchus Mykiss) Under Flow-Through Conditions - Tank Photographs.	43206402	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500485
72-4(a)	Early Life-Stage Toxicity of Sumilarv Technical to the Rainbow Trout (Oncorhynchus mykiss) Under Flow-Through Conditions.	42178319	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400038 9500494
72-4(a)	Raw Data Report for MRID 42178319 - Early Life-Stage Toxicity of Sumilarv Technical to the Rainbow Trout (Oncorhynchus mykiss) Under Flow-Through Conditions.	43206401	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400797-99 9500461-62 9500476
72-4(b)	Chronic Toxicity of 14C-Sumilarv to Daphnia magna Under Flow-Through Test Conditions.	43274701	Valent U.S.A. Corporation	OWN	ACCNO: 9400115 9500523 9500510
72-4(b)	Chronic Toxicity of PYPAC and 4'-OH-Pyr to Daphnia magna Under Flow-Through Test Conditions	44036913	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600305
72-4(b)	Effects of Sumilarv (S-71639) on Reproduction of Daphnia Magna.	42201404	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400038 9500492



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
72-4(b)	Sumilarv (Pyriproxyfen) - Chronic Toxicity to Mysids (Mysidopsis bahia) Under Flow-Through Conditions.	44036912	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500307
72-99	Probabilistic Modeling of Pyriproxyfen Exposure to Aquatic Nontarget Organisms Associated with its Use on Apples, Pears and Walnuts	44329514	Valent U.S.A. Corporation	OWN	ACCNO: 9700317
OECD 204	21-Day Flow-Through Toxicity of Pyriproxyfen to Rainbow Trout (Oncorhynchus mykiss)	48066203	Valent U.S.A. Corporation	OWN	ACCNO: 201000088
81-1	Acute Oral Toxicity Study of 2-OH-PY in Mice	44503505	Valent U.S.A. Corporation	OWN	ACCNO: 9700432
81-1	Acute oral toxicity study of pyriproxyphen metabolites, 4'-OH-Pyr, 5'-OH-Pyr, DPH-Pyr, POPA and PYPAC in mice	4453503	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9700062
81-1	Acute Oral Toxicity Study of S-31183 in Rats.	41321711 41389801 42178302	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500495
81-1	Acute Oral Toxicity Study with Pyriproxyfen (V-71639) 0.83 EC in Rats.	43849805	Valent U.S.A. Corporation	OWN	ACCNO: 9500661
81-2	Acute Dermal Toxicity of S-31183 in Rats.	41321712 42178303	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500488



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
81-2	Acute Dermal Toxicity Study with Pyriproxyfen (V-71639) 0.83 EC in Rabbits.	43849806	Valent U.S.A. Corporation	OWN	ACCNO: 9500663
81-3	An Acute (4-HOUR) Inhalation Toxicity Study of Pyriproxyfen (V-71639) 0.83 EC in the Rat via Nose-Only Exposure.	43849807	Valent U.S.A. Corporation	OWN	ACCNO: 9500662
81-3	Acute Inhalation Toxicity of S-31183 in Rats. Amendment to the Final Report.	42178304	Valent U.S.A. Corporation	OWN	ACCNO: 9500489A
81-3	Acute Inhalation Toxicity of S-31183 (Sumilarv) in Rats.	41321713 42178304	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500489
81-3	Sumilarv -- Acute Inhalation Toxicity of S-31183 in Rats Supplemental Data Supplement to MRID #42178304	42343205	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500500 9505474
81-4	Primary Eye and Skin Irritation Tests with S-31183 in Rabbits.	41321714 42178305	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400023 9500490
81-4	Primary Eye Irritation Study with Pyriproxyfen (V-71639) 0.83 EC in Rabbits.	43849808	Valent U.S.A. Corporation	OWN	ACCNO: 9500664
81-5	Primary Dermal Irritation Study with Pyriproxyfen (V-71639) 0.83 EC in Rabbits.	43849809	Valent U.S.A. Corporation	OWN	ACCNO: 9500665



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
81-5	Primary Eye and Skin Irritation Tests with S-31183 in Rabbits.	41321714 42178305	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400023 9500490
81-6	Closed-Patch Repeated Insult Dermal Sensitization Study with Pyriproxyfen (V-71639) 0.83 EC in Guinea Pigs (Buehler Method).	43849810	Valent U.S.A. Corporation	OWN	ACCNO: 9500666
81-6	Skin Sensitization Test with S-31183 (S-71639) in Guinea Pigs.	41321715 42178306	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400796 9500497
81-6 870.2600	V-71639 2.9 EC: Closed-Patch Repeated Insult Dermal Sensitization Study in Guinea Pigs (Buehler Method)	44521707	Valent U.S.A. Corporation	OWN	ACCNO: 9800031
82-1(a)	Subchronic Toxicity Study with S-31183 in Rats (13weeks).	41321716	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400023 9500536
82-1(a)	Sumilarv - Subchronic Toxicity Study in Mice	43210504	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400259 9500491
82-1(b)	Three-month Oral Toxicity Study of S-31183 (pyriproxyfen) in Dogs.	41321717 42178307	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400023 9500475



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
82-2	21-Day Dermal Toxicity Study in Rats with S-31183.	43004101	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400023 9500471
82-2	A 21-Day Dermal Toxicity Study of Pyriproxyfen (V-71939) 0.86EC in the Rat	44037205	Valent U.S.A. Corporation	OWN	ACCNO: 9600296
82-4	Comments on Data Evaluation of Sumilarv Subacute Inhalation Study.		Sumitomo Chemical Co.	OWN	ACCNO: 9508457
82-4	Subacute Inhalation Toxicity Study of S-31183 (S-71639) in Rats. Amended MRID 41321718.	41321718 42178308	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400024 9500516
83-1(b)	S-31183: Toxicity Study by Oral (Capsule) Administration to Beagle Dogs for 52 Weeks.	42178309	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400024 9500466
83-2(b)	Amendment to Final Report: Oncogenicity Study in Mice with S-31183 (Sumilarv) (MRID No. 42178310)	43413202	Valent U.S.A. Corporation	OWN	ACCNO: 9500514
83-2(b)	Oncogenicity Study in Mice with S-31183 (S-71639)	42178310	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400025-28 9500472 9500521 9500526-27



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
83-2(b)	Response to EPA Review of Chronic Toxicity and/or Oncogenicity Studies of Sumilarv (S-31183) in Rats and Mice.	43210501	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400264 9500481
83-2(b)	Supplemental Data and Review of Oncogenicity Study with S-31183 (Sumilarv) in Mice (MRID No. 42178310) Response to EPA Review of Chronic and/or Oncogenicity Studies of Sumilarv in Rats and Mice.	43413201	Valent U.S.A. Corporation	OWN	ACCNO: 9410214 9500513
83-3(a)	Study of S-31183 by Oral Administration during the Period of Fetal Organogenesis in Rats.	41321719 42178312	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400029 9500460
83-3(b)	Addendum to the Final Report: Study of S-31183 by Oral Administration During the Period of Fetal Organogenesis in Rabbits.	43215402	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400262 & 9500509
83-3(b)	Response to EPA Review of Teratogenicity/Developmental Toxicity Study of Sumilarv (S-31183) in Rabbits	43215401	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400265 & 9500505
83-3(b)	Study of S-31183 by Oral Administration During the Period of Fetal Organogenesis in Rabbits.	41321720 42178311	Valent U.S.A. Corporation	OWN	ACCNO: 9400029 9500487



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
83-3(b)	Two-Week Administration Study of S-31183 in Rabbits.	43215403	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400263 & 9500515
83-4	A Dietary 2-Generation (1 Litter) Reproduction Study of S-31183 (Pyriproxyfen) in Rats.	42178313	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400030-31 9500474 9500480 9500507 9500525 9500506
83-5	Addendum to the Final Report: Sumilarv - Combined Chronic Toxicity and Oncogenicity Study in Rats with S-31183, MRID No. 42178314.	43210502	Valent U.S.A. Corporation	OWN	ACCNO: 9400260 9500477
83-5	Amendments 1 & 2 to The Final Report: Sumilarv -- Combined Chronic Toxicity and Oncogenicity Study in Rats with S-31183, MRID No. 42178314.	43210503	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400261 9500479



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
83-5	Combined Chronic Toxicity and Oncogenicity Study in Rats with S-31183.	42178314	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400032-37 9500467-69 9500522 9500524 9500458 9500459
83-5	Response to EPA Review of Chronic Toxicity and/or Oncogenicity Studies of Sumilarv (S-31183) in Rats and Mice.	43210501	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400264 9500481
84-2(a)	In vitro Gene Mutation Test of S-31183 in V79 Chinese Hamster Cells.	42178316	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400029 9500512
84-2(a)	Reverse Mutation Test of 2,5-OH-PY in Bacterial Systems	44503508	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600170
84-2(a)	Reverse Mutation Test of 2-OH-PY in Bacterial Systems	44503506	Valent U.S.A. Corporation	OWN	ACCNO: 9700433
84-2(a)	Reverse Mutation Test of S-31183 in Bacterial Systems.	41321721 42178315	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400029 9500511



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
84-2(b)	In vitro Chromosomal Aberration Test of Pyriproxyfen in Chinese Hamster Ovary Cells (CHO-K1)	41321722	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400029 9500538
84-4	Assessment of Unscheduled DNA Repair Synthesis in Mammalian Cells After Exposure to S-31183.	41321723 42178317	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400029
85-1	Metabolism of [pyridyl-2-6-14C] pyriproxyfen in Rats	44036914	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600307
85-1	Metabolism of S-31183 (Pyriproxyfen) in Rats (Tissue Distribution Study).	42178318	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400029 9500483
85-1	Metabolism of S-31183 (S-71639) in Rats	42201402	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400029 9500482
122-2	Pyriproxyfen - Toxicity To Duckweed, Lemna gibba	43958301	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600224
123-2	Acute Toxicity of Pyriproxyfen to Selenastrum capricornutum Printz	43697401	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400113 9500473



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
123-2	Pyriproxyfen - Toxicity To Duckweed, Lemna gibba	43958301	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600224
132-1(a)	Determination of Foliar Dislodgable Residues of Pyriproxyfen in Detergent Solution.	None	Valent U.S.A. Corporation	OWN	ACCNO: 9410223
132-1(a)	Determination of Pyriproxyfen Residues in/on Foliage.	None	Valent U.S.A. Corporation	OWN	ACCNO: 9410222
132-1(a)	Dislodgeable and Total Foliar Residue Dissipation of Pyriproxyfen on Cotton Leaves After Treatment with KNACK Insect Growth Regulator	43849811	Valent U.S.A. Corporation	OWN	ACCNO: 9500667
141-1	Bee Adult Toxicity Dusting Test Summary	41321724 42201403	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500493
161-1	Hydrolysis of S-31183 in Buffered Aqueous Solutions. Supplement to Sumilarv Volume 26.	42343202	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500503
161-1	Hydrolysis of S-31183 (S-71639) in Buffered Aqueous Solutions.	42343201	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500519
161-2	Artificial Sunlight Photodegradation of Pyriproxyfen in Aqueous Media at pH 7.	43795501	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500429



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Active Ingredient: Pyriproxyfen

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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
161-3	Artificial Sunlight Photodegradation of 14C-Pyriproxyfen on Soil.	43894901	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500643
161-99	Henry's Law Constant for Pyriproxyfen	43849812	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500668
161-99	Henry's Law Constant for Pyriproxyfen	None	Valent U.S.A. Corporation	OWN	ACCNO: 9700441
162-1	Aerobic Soil Metabolism of 14C-Pyriproxyfen.	43795502	Valent U.S.A. Corporation	OWN	ACCNO: 9500545
162-1	Response to EPA Review of "Aerobic Soil Metabolism of 14C-Pyriproxyfen"	44838403	Valent U.S.A. Corporation	OWN	ACCNO: 9900154
162-3	Anaerobic Aquatic Metabolism of 14C-Pyriproxyfen.	43795503	Valent U.S.A. Corporation	OWN	ACCNO: 9500096
162-4	Aerobic Aquatic Metabolism Metabolism of 14C-Pyriproxyfen	42902001	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400063
162-4	Sumilarv - Aerobic Aquatic Metabolism of 14C-Pyriproxyfen Supplement to MRID No. 42902001.	43668701	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500486
162-99	Determination of Degradation Rate Constants and Half-Lives of 4'-OH-Pyr and PYPAC	44036915	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600169



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
163-1	Adsorption and Desorption of 14C-4-OH-PYR on Representative Agricultural Soils.	43795505	Valent U.S.A. Corporation	OWN	ACCNO: 9500543
163-1	Adsorption and Desorption of 14C-PYPAC on Representative Agricultural Soils and Sediment.	43795507	Valent U.S.A. Corporation	OWN	ACCNO: 9500546
163-1	The Adsorption and Desorption of [Phe-14C]-Pyriproxyfen on Representative Agricultural Soils and Sediment.	43795504	Valent U.S.A. Corporation	OWN	ACCNO: 9500544
163-1	Column Leaching Characteristics of Aged 14C-Pyriproxyfen on Soil.	43795506	Valent U.S.A. Corporation	OWN	ACCNO: 9400064
164-1	Analysis of Soil for 4'-OH Pyriproxyfen.	None	Valent U.S.A. Corporation	OWN	ACCNO: 9400132
164-1	Field Dissipation Study with KNACK Insect Growth Regulator On Bare Ground in a New York Apple Orchard	44329503	Valent U.S.A. Corporation	OWN	ACCNO: 9700040
164-1	Field Dissipation Study with KNACK Insect Growth Regulator On Bare Ground In a Washington Apple Orchard	44329504	Valent U.S.A. Corporation	OWN	ACCNO: 9700039
164-1	Field Dissipation Study with KNACK Insect Growth Regulator On Bare Ground Part I: California	43849814	Valent U.S.A. Corporation	OWN	ACCNO: 9500670
164-1	Field Dissipation Study with KNACK Insect Growth Regulator On Bare Ground Part II: Mississippi	438498-13	Valent U.S.A. Corporation	OWN	ACCNO: 9500669



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
164-1	Independent Laboratory Validation of the Method for Quantitation of 4'-OH Pyriproxyfen in Soil	44036917	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600309
164-1	Independent Laboratory Validation of the Method for Quantitation of Pyriproxyfen and Its PYPAC Metabolite in Soil	44036916	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600311
164-1	Response to EPA Review of "Terrestrial Field Dissipation Studies Conducted with Pyriproxyfen-Containing End-Use Products"	44838404	Valent U.S.A. Corporation	OWN	ACCNO: 9900155
164-1	Terrestrial Field Dissipation of Sumilarv (Pyriproxyfen) in California.	43795509	Valent U.S.A. Corporation	OWN	ACCNO: 9500378
164-1	Terrestrial Field Dissipation of Sumilarv (Pyriproxyfen) in Georgia.	43795508	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500378
164-1	Validation of the Analytical Method for Determining Residues of 4'-OH-Pyriproxyfen in Soil and Soil Sediment	None	Valent U.S.A. Corporation	OWN	ACCNO: 9600286
164-1	Validation of the Analytical Method for Determining Residues of Pyriproxyfen and PYPAC in Soil and Soil Sediment	None	Valent U.S.A. Corporation	OWN	ACCNO: 9600285
164-2	Independent Laboratory Validation of the Methods for Quantitation of Pyriproxyfen and Its 4'-OH-PYR and PYPAC Metabolites in Water	None	Valent U.S.A. Corporation	OWN	ACCNO: 9700063



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
165-1	Amended Report Number One to MRID Number 44036918: Original Study Title: A Confined Rotation Crop Study with [PH-14C] and [PY-14C] Pyriproxyfen	None	Valent U.S.A. Corporation	OWN	ACCNO: 9600468
165-1	A Confined Rotational Crop Study with [PH-14C]-and [PY-14C] Pyriproxyfen	44036918	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600300
165-4	Characterization of 14C-Residues in Bluegill Sunfish Treated with 14C-Pyriproxyfen.	43668702	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9400796 9500470
165-4	Uptake, Depuration and Bioconcentration of 14C-pyriproxyfen in Bluegill Sunfish.	42902002	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9500508
171-4 171-4(E) 171-4(L)	MAGNITUDE OF THE RESIDUE OF PYRIPROXYFEN IN COTTONSEED AND COTTON PROCESSING COMMODITIES / VOLUME 2 OF 5	44036929	Valent U.S.A. Corporation	OWN	ACCNO: 9600312
171-4 171-4(E) 171-4(L)	MAGNITUDE OF THE RESIDUE OF PYRIPROXYFEN IN COTTONSEED AND COTTON PROCESSING COMMODITIES / VOLUME 3 OF 5	44036929	Valent U.S.A. Corporation	OWN	ACCNO: 9600314
171-4 171-4(E) 171-4(L)	MAGNITUDE OF THE RESIDUE OF PYRIPROXYFEN IN COTTONSEED AND COTTON PROCESSING COMMODITIES / VOLUME 4 OF 5	44036929	Valent U.S.A. Corporation	OWN	ACCNO: 9600315



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
171-4 171-4(E) 171-4(L)	MAGNITUDE OF THE RESIDUE OF PYRIPROXYFEN IN COTTONSEED AND COTTON PROCESSING COMMODITIES / VOLUME 5 OF 5	44036929	Valent U.S.A. Corporation	OWN	ACCNO: 9600316
171-4(a)	A Plant Metabolism Study with [14C]S-71639 (Pyriproxyfen) on Cotton	44036919	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600287
171-4(b)	Metabolism of [Phenoxyphenyl-14C]S-71639 (Pyriproxyfen) in Lactating Goats	44036921	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600301
171-4(b)	Metabolism of [Phenoxyphenyl-14C]S-71639 (Pyriproxyfen) in Laying Hens	44036922	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600303
171-4(b)	Metabolism of [Pyridyl-14-C]S-71639 (Pyriproxyfen) in Laying Hens	44036920	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600284
171-4(b)	Metabolism of [Pyridyl-14c]S-71639 (Pyriproxyfen) in Lactating Goats	44036923	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600302
171-4(c)	Determination of Pyriproxyfen in Cotton Gin Trash Method RM-33p-4-2	44036925	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600297
171-4(c)	Determination of the Extraction Efficiency of the Residue Analytical Methods for Determining Residues of Pyriproxyfen and Its Degradates in Cottonseed and Cotton Gin By-Products	44036928	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600299



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
171-4(c)	FDA Multiresidue Method (MRM) for Testing of Pyriproxyfen and PYPAC	44036926	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600291
171-4(c)	Independent Laboratory Validation of the Method for Quantitation of Pyriproxyfen and Its PYPAC Metabolite in Cottonseed	44036927	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600310
171-4(c)	Validation of the Analytical Method for Determining Residues of Pyriproxyfen and PYPAC in Cottonseed	44036924	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600298
171-4(j)	Pyriproxyfen - Magnitude of the Residue in Meat, Milk, Poultry and Eggs	44036930	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600283
171-4(l)	Magnitude of the Residue of Pyriproxyfen in Cottonseed and Cotton Processing Commodities	44036929	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9600313
201-1	Atomization Droplet Size Spectra for Spray Drift Formulations: 1991 Field Trial Conditions	43757801	Spray Drift Task Force	OWN	ACCNO: 200603347
201-1	Atomization Droplet Size Spectra for Spray Drift Formulations: 1992 Field Trial Conditions	43657601	Spray Drift Task Force	OWN	ACCNO: 200603343
201-1	Atomization Droplet Size Spectra for Spray Drift Test Substances: 1993 Field Trial Conditions	43757802	Spray Drift Task Force	OWN	ACCNO: 200603348
201-1	Dynamic Surface Tension Measurement of Spray Drift Test Substances	43832101	Spray Drift Task Force	OWN	ACCNO: 200603355



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201-1	Spray Drift Task Force: Atomization Droplet Size Spectra for Airblast Sprayers	43953001	Spray Drift Task Force	OWN	ACCNO: 200603360
201-1	Spray Drift Task Force Atomization Droplet Size Spectra for Nozzle and Physical Property Parameter Characterization	44100901	Spray Drift Task Force	OWN	ACCNO: 200603364
201-1	Spray Drift Task Force: Atomization Droplet Size Spectra for Selective Active Ingredients	43766502	Spray Drift Task Force	OWN	ACCNO: 200603350
201-1	Spray Drift Task Force Atomization Droplet Size Spectra of Sprinklers Used in Chemigation	43845501	Spray Drift Task Force	OWN	ACCNO: 200603357
202-1	1992 Spray Drift Task Force Survey of Aerial Applicators	43485601	Spray Drift Task Force	OWN	ACCNO: 200603334
202-1	Amended Final Report for Study Spray Drift Task Force 1992 Ground Field Study in Texas (Malathion and Diazinon)	44878601	Spray Drift Task Force	OWN	ACCNO: 200603374
202-1	Background and Rationale for Physical Property Determinations on Spray Drift Test Substances	43657602	Spray Drift Task Force	OWN	ACCNO: 200603344
202-1	Collection Efficiency of Spray Drift Samplers	44641001	Spray Drift Task Force	OWN	ACCNO: 200603370
202-1	Drift from Applications with Aerial Sprayers: Integration and Summary of 1992 and 1993 Field Studies	43803501	Spray Drift Task Force	OWN	ACCNO: 200603354



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
202-1	Drift from Applications with Ground Hydraulic Sprayers: Integration and Summary of 1992 and 1993 Field Studies	43508001	Spray Drift Task Force	OWN	ACCNO: 200603340
202-1	Drift from Orchard Airblast Applications: Integration and Summary of 1993 and 1994 Field Trials	43925701	Spray Drift Task Force	OWN	ACCNO: 200603359
202-1	Error Bars, Precision and Bias of Data for SDTF Aerial Field and Atomization Studies	44696901	Spray Drift Task Force	OWN	ACCNO: 200603371
202-1	Frozen Storage Stability of Malathion Diazinon Carbaryl and/or Acephate Residues in/on Alpha- Cellulose Polyurethane Foam Polyester String Water and Tank Mixes	44070001	Spray Drift Task Force	OWN	ACCNO: 200603363
202-1	Measurement Techniques for Atomization Droplet Size Spectra Using Particle Size Analyzers in Wind Tunnels	43485603	Spray Drift Task Force	OWN	ACCNO: 200603336
202-1	Nozzle and Spray Classification	44640801	Spray Drift Task Force	OWN	ACCNO: 200603368
202-1	A Proposed Screening Level Assessment Method For Aerial Spray Drift of Pesticides	44010201	Spray Drift Task Force	OWN	ACCNO: 200603362
202-1	Relationship Between Physical Properties and Atomization: Integration and Summary	44747401	Spray Drift Task Force	OWN	ACCNO: 200603372



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
202-1	Response by SDTF to Scientific Advisory Panel Review Issues for Aerial Studies and AgDrift Model	44763001	Spray Drift Task Force	OWN	ACCNO: 200603373
202-1	Spray Drift Task Force 1991 Aerial Field Study in Mississippi	42565901	Spray Drift Task Force	OWN	ACCNO: 200603330
202-1	Spray Drift Task Force: 1992 Aerial Field Study in Texas: Amendment to Final Report	43665402	Spray Drift Task Force	OWN	ACCNO: 200603346
202-1	Spray Drift Task Force: 1992 Aerial Field Study in Texas: Malathion Diazinon	43254001	Spray Drift Task Force	OWN	ACCNO: 200603333
202-1	Spray Drift Task Force 1992 Ground Field Study in Texas	43493801	Spray Drift Task Force	OWN	ACCNO: 200603338
202-1	Spray Drift Task Force: 1993 Cool Season Aerial Field Study in Texas	43535801	Spray Drift Task Force	OWN	ACCNO: 200603341
202-1	Spray Drift Task Force 1993 Ground Field Study in Texas	43493802	Spray Drift Task Force	OWN	ACCNO: 200603339
202-1	Spray Drift Task Force: 1993 Hot Humid Aerial Field Study in Texas	43535802	Spray Drift Task Force	OWN	ACCNO: 200603342
202-1	Spray Drift Task Force: 1993 Hot Humid Aerial Field Study in Texas: Amended Final Report	43665401	Spray Drift Task Force	OWN	ACCNO: 200603345



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
202-1	Spray Drift Task Force: 1993 Orchard Airblast Study in California	43766504	Spray Drift Task Force	OWN	ACCNO: 200603352
202-1	Spray Drift Task Force 1994 Field Chemigation Study	43845901	Spray Drift Task Force	OWN	ACCNO: 200603358
202-1	Spray Drift Task Force: 1994 Orchard Airblast Field Study on Citrus in Florida	43832102	Spray Drift Task Force	OWN	ACCNO: 200603356
202-1	Spray Drift Task Force: 1994 Orchard Airblast Field Study on Pecans in Georgia	43781101	Spray Drift Task Force	OWN	ACCNO: 200603353
202-1	Spray Drift Task Force: Atomization Droplet Size Spectra of Critical Parameter Range Finding Substances	43766501	Spray Drift Task Force	OWN	ACCNO: 200603349
202-1	Spray Drift Task Force: Collaborative Evaluation of SDTF Methods AM-003: AM-004 and AM-007 for the Determination of Diazinon, Malathion and Carbaryl on Alpha-cellulose Polyurethane Foam Plugs and Polyester String	43485604	Spray Drift Task Force	OWN	ACCNO: 200603337
202-1	Spray Drift Task Force Droplet Evaporation of Spray Drift Test Substances	44134101	Spray Drift Task Force	OWN	ACCNO: 200603365
202-1	Spray Drift Task Force Field Testing Protocol and Techniques	44178701	Spray Drift Task Force	OWN	ACCNO: 200603366



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Product: KNACK Insect Growth Regulator

Active Ingredient: Pyriproxyfen

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Ingredient	<b>Pyriproxyfen</b>				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
202-1	Spray Drift Task Force Interviews of Growers Who Use Orchard Airblast Sprayers	43485602	Spray Drift Task Force	OWN	ACCNO: 200603335
202-1	Spray Drift Task Force Miscellaneous Nozzle Study	44310401	Spray Drift Task Force	OWN	ACCNO: 200603367
202-1	Spray Drift Task Force Model Sensitivity Analysis	42608401	Spray Drift Task Force	OWN	ACCNO: 200603331
202-1	Spray Drift Task Force: Viscosity Measurements of Spray Drift Test Substance	43953002	Spray Drift Task Force	OWN	ACCNO: 200603361
202-1	String Collectors for Assessing Spray Drift	43766503	Spray Drift Task Force	OWN	ACCNO: 200603351
202-1	Wind Tunnel Simulations of Aerial Sprays	44640901	Spray Drift Task Force	OWN	ACCNO: 200603369



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.1550 830.1600 830.1620 830.1650 830.1670 830.1700 830.1750 830.1800 830.1900	Product Identity and Composition of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator (IGR) Description of Materials Used to Produce the Product Pyriproxyfen 0.86 Ag IGR Description of Production Process for Pyriproxyfen 0.86 Ag IGR Description of Formulation Process for Pyriproxyfen 0.86 Ag IGR Discussion of Formation of Impurities for Pyriproxyfen 0.86 Ag IGR Preliminary Analysis of Pyriproxyfen 0.86 Ag IGR Certified Limits for Pyriproxyfen 0.86 Ag IGR Enforcement Analytical Method for Pyriproxyfen 0.86 Ag IGR Submittal of Samples for Pyriproxyfen 0.86 Ag IGR	47373501	Valent U.S.A. Corporation	OWN	ACCNO: 200800039
830.1550 830.1600 830.1620 830.1650 830.1670 830.1700 830.1750 830.1800 830.1900 830.6303 830.6314 830.7000 830.7300	U.S. EPA Product Properties Test Guidelines - Group A and Group B of ESTEEM 35 WP Insect Growth Regulator	45165601	Valent U.S.A. Corporation	OWN	ACCNO: 200000256



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.1550 830.1600 830.1620 830.1650 830.1670 830.1700 830.1750 830.1800 830.1900 830.6303 830.6314 830.6315 830.7000 830.7100 830.7300	U.S. EPA Product Properties Test Guidelines - Group A and Group B of ESTEEM Insect Growth Regulator	44521701	Valent U.S.A. Corporation		ACCNO: 9800057



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.1550 830.1600 830.1620 830.1670 830.1700 830.1750 830.1800 830.1900 830.6303 830.6314 830.7000 830.7300	U.S. EPA Product Property Test Guidelines - Group A and Group B of Esteem Ant Bait	46347402	Valent U.S.A. Corporation	OWN	ACCNO: 200400259
830.1750	Certified Limits of Pyriproxyfen Technical Grade	45853802	Valent U.S.A. Corporation	OWN	ACCNO: 200200349
830.1750	Preliminary Analysis of Pyriproxyfen Technical Grade	45853801	Valent U.S.A. Corporation	OWN	ACCNO: 200200348



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.6302 830.6303 830.6304 830.6313 830.6314 830.6315 830.6316 830.6319 830.6321 830.7000 830.7100 830.7300	Physical and Chemical Properties of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator	47373502	Valent U.S.A. Corporation	OWN	ACCNO: 200800042
830.6303 830.6314 830.7000 830.7300	Physical and Chemical Properties of Esteem Ant Bait (VC-1505)	46347401	Valent U.S.A. Corporation	OWN	ACCNO: 200400260
830.6317 830.6320	Shelf-Life Storage Stability and Corrosion Characteristics of Esteem Ant Bait (VC-1505)	46827201	Valent U.S.A. Corporation	OWN	ACCNO: 200600022
830.6317 830.6320	Shelf-Life Storage Stability and Corrosion Characteristics of Pyriproxyfen 0.86 EC Ag Insect Growth Regulator	48022001	Valent U.S.A. Corporation	OWN	ACCNO: 201000080



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
860.1340	Radiovalidation of the Residue Analytical Method for Determining Residues of Pyriproxyfen and Its Degradates in Apples	44329508	Valent U.S.A. Corporation	OWN	ACCNO: 9700280
860.1340	Validation of the Extraction Efficiency of Residue Analytical Methods for Pyriproxyfen and Metabolites in Goat Meat and Milk	44329509	Valent U.S.A. Corporation	OWN	ACCNO: 9700305
860.1480	Residues in Meat and Milk from Dairy Cows Fed Pyriproxyfen	44329510	Valent U.S.A. Corporation	OWN	ACCNO: 9700306 9700307
860.1500	Magnitude of the Residue of Pyriproxyfen in Greenhouse Cherry Tomato Raw Agricultural Commodity	46958701	Valent U.S.A. Corporation	OWN	ACCNO: 200600459
860.1500	Magnitude of the Residue of Pyriproxyfen in/on Grapefruit	44630104	Valent U.S.A. Corporation	OWN	ACCNO: 9800157 9800156
860.1500	Magnitude of the Residue of Pyriproxyfen in/on Lemons	44630106	Valent U.S.A. Corporation	OWN	ACCNO: 9800165 9800166
860.1500 860.1520	Magnitude of the Residue of Pyriproxyfen in/on Oranges and Orange Processing Fractions	44630105	Valent U.S.A. Corporation	OWN	ACCNO: 9800167 9800168 9800169 9800170



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
860.1500	Magnitude of the residue of pyriproxyfen on edible-podded peas	45940002	IR-4	OWN	ACCNO: 200300197
860.1500	Magnitude of the residue of pyriproxyfen on snap beans	45940001	IR-4	OWN	ACCNO: 200300196
860.1500	Magnitude of the Residues of Pyriproxyfen and Its Degradate in Almonds	44630102	Valent U.S.A. Corporation	OWN	ACCNO: 9800150, 9800151
860.1500	Magnitude of the residues of pyriproxyfen and its degradate in almonds / volume 1 of 2	44630102	Valent U.S.A. Corporation	OWN	ACCNO: 9800150
860.1500	Magnitude of the residues of pyriproxyfen and its degradate in almonds / volume 2 of 2	44630102	Valent U.S.A. Corporation	OWN	ACCNO: 9800151
860.1500	Magnitude of the Residues of Pyriproxyfen and its Degradates in Peppers	44630107	Valent U.S.A. Corporation	OWN	ACCNO: 9800178 9800179
860.1500 860.1520	Magnitude of the Residues of Pyriproxyfen and Its Degradates in Tomatoes	44630103	Valent U.S.A. Corporation	OWN	ACCNO: 9800107 9800108 9800109 9800110



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
860.1500	Magnitude of the Residues of Pyriproxyfen and its Degradates in Walnuts	44329511	Valent U.S.A. Corporation	OWN	ACCNO: 9700281
860.1500	Magnitude of the Residues of Pyriproxyfen in/on Pears	44329512	Valent U.S.A. Corporation	OWN	ACCNO: 9700290 9700291
860.1500	Magnitude of the Residues of Pyriproxyfen on Apples: Bridging Data Between EC and WP Formulations	45165608	Valent U.S.A. Corporation	OWN	ACCNO: 200000254
860.1500	Magnitude of the Residues of Pyriproxyfen on Cabbage	45556003	Valent U.S.A. Corporation	OWN	ACCNO: 200100238
860.1500	Magnitude of the Residues of Pyriproxyfen on Cantaloupe	45556004	Valent U.S.A. Corporation	OWN	ACCNO: 200100283
860.1500	Magnitude of the Residues of Pyriproxyfen on Cauliflower	45556005	Valent U.S.A. Corporation	OWN	ACCNO: 200100237
860.1500	Magnitude of the Residues of Pyriproxyfen on Cherries	45221501	Valent U.S.A. Corporation	OWN	ACCNO: 200000260
860.1500	Magnitude of the Residues of Pyriproxyfen on Cucumber	45556006	Valent U.S.A. Corporation	OWN	ACCNO: 200100282



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Ingredient Pyriproxyfen					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
860.1500	Magnitude of the Residues of Pyriproxyfen on Mustard Greens	45556009	Valent U.S.A. Corporation	OWN	ACCNO: 200100236
860.1500 860.1520	Magnitude of the Residues of Pyriproxyfen on Olives and Olive Processing Fractions	45556007	Valent U.S.A. Corporation	OWN	ACCNO: 200100252
860.1500	Magnitude of the Residues of Pyriproxyfen on Pasture Grass Following Treatment with ESTEEM Ant Bait	46297303	Valent U.S.A. Corporation	OWN	ACCNO: 200400132
860.1500	Magnitude of the Residues of Pyriproxyfen on Peaches (Vol. 1 & 2)	45221502	Valent U.S.A. Corporation	OWN	ACCNO: 200000258 '200000259
860.1500	Magnitude of the Residues of Pyriproxyfen on Pears: Bridging Data Between EC and WP Formulations	45165609	Valent U.S.A. Corporation	OWN	ACCNO: 200000255
860.1500 860.1520	Magnitude of the Residues of Pyriproxyfen on Plums and Plum Processing Fractions	45221503	Valent U.S.A. Corporation	OWN	ACCNO: 200000257
860.1500	Magnitude of the Residues of Pyriproxyfen on Summer Squash	45556008	Valent U.S.A. Corporation	OWN	ACCNO: 200100281
860.1500	Pryriproxyfen: Magnitude of the Residue on Okra	45647301	IR-4	OWN	ACCNO: 200200134
860.1500	Pyriproxyfen: Magnitude of the Residue on Basil (Greenhouse)		IR-4	OWN	ACCNO: 201100169



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
860.1500	Pyriproxyfen: Magnitude of the residue on blueberry	45522401	Valent U.S.A.	OWN	ACCNO: 200100293
860.1500	Pyriproxyfen: Magnitude of the Residue on Celery	47625801	IR-4	OWN	ACCNO: 200800364
860.1500	Pyriproxyfen: Magnitude of the Residue on Grape	46382001	IR-4	OWN	ACCNO: 200400369
860.1500	Pyriproxyfen: Magnitude of the Residue on Guava	45372401	IR-4	OWN	ACCNO: 200300155
860.1500	Pyriproxyfen: Magnitude of the Residue on Kiwifruit [Kiwi Fruit]	47625802	IR-4	OWN	ACCNO: 200800365
860.1500	Pyriproxyfen; Magnitude of the Residue on Lychee	45365301	IR-4 )	OWN	ACCNO: 200300154
860.1500	Pyriproxyfen: Magnitude of the residue on onion (dry bulb)	46046001	IR-4	OWN	ACCNO: 200300258
860.1500	Pyriproxyfen: Magnitude of the Residue on Strawberry	46381901	IR-4	OWN	ACCNO: 200400372
860.1500	Pyriproxyfen: Magnitude of the Residue on Sugar Apple	45616101	IR-4	OWN	ACCNO: 200200021



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
860.1500	Pyriproxyfen: Magnitude of the Residues on Tomato (Greenhouse)	46417101	Valent U.S.A. Corporation	OWN	ACCNO: 200400266
870.1100	Acute Oral Toxicity Study of 2,5-OH-PY in Mice	44503504	Valent U.S.A. Corporation	OWN	ACCNO: 9700431
870.110 870.1200 870.1300 87802400 870.2500 870.2600	Justification for Bridging Acute Toxicity Data from Studies Conducted with Pyriproxyfen 0.83 EC to Reformulated Pyriproxyfen 0.86 EC (VC-1678)	47373505	Valent U.S.A. Corporation	OWN	ACCNO: 200800055
870.1100	V-71639 2.9 EC: Acute Oral Toxicity Study in Rats	44521702	Valent U.S.A. Corporation	OWN	ACCNO: 9800028
870.1100	V-71639 35 WP: Acute Oral Toxicity Study in Rats	45165606	Valent U.S.A. Corporation	OWN	ACCNO: 200000253
870.1200	V-71639 2.9 EC: Acute Dermal Toxicity Study in Rats	44521703	Valent U.S.A. Corporation	OWN	ACCNO: 9800029
870.1200	V-71639 35 WP: Acute Dermal Toxicity Study in Rats	45165607	Valent U.S.A. Corporation	OWN	ACCNO: 200000248



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Date <b>03 November 2011</b>		EPA Reg No./ File Symbol <b>59639 - 95</b>		No. of Pages <b>62</b>	
Applicant's/ Registrant's Name & Address <b>Valent U.S.A. Corporation</b> <b>1600 Riviera Avenue, Suite 200 Walnut Creek, CA 94596</b>		Product <b>KNACK Insect Growth Regulator</b>			
Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
870.1300	V-71639 2.9 EC: An Acute (4-Hour) Inhalation Toxicity Study in the Rat Via Nose-Only Exposure	44521704	Valent U.S.A. Corporation	OWN	ACCNO: 9800032
870.1300	V-71639 35 WP: Acute (4-Hour) Inhalation Toxicity Study in the Rat Via Nose-Only Exposure	45165602	Valent U.S.A. Corporation	OWN	ACCNO: 200000249
870.2400	'Primary Eye Irritation Study in Rabbits	47373503	Valent U.S.A. Corporation	OWN	ACCNO: 200800040
870.2400	V-71639 2.9 EC: Primary Eye Irritation Study in Rabbits	44521705	Valent U.S.A. Corporation	OWN	ACCNO: 9700369
870.2400	V-71639 35 WP: Acute Eye Irritation Study in Rabbits	45165603	Valent U.S.A. Corporation	OWN	ACCNO: 200000250
870.2500	Primary Skin Irritation Study in Rabbits	47373504	Valent U.S.A. Corporation	OWN	ACCNO: 200800041
870.2500	V-71639 2.9 EC: Primary Dermal Irritation Study in Rabbits	44521706	Valent U.S.A. Corporation	OWN	ACCNO: 9800030
870.2500	V-71639 35 WP: Acute Dermal Irritation Study in Rabbits	45165604	Valent U.S.A. Corporation	OWN	ACCNO: 200000251
870.2600	V-71639 35 WP: Skin Sensitization Study in Guinea Pigs (Buehler Method)	45165605	Valent U.S.A. Corporation	OWN	ACCNO: 200000252



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
870.3700	Perinatal and postnatal study of S-31183 orally administered to rats / English translation by A. Hirohashi, Sumitomo Chemical (Jan 12, 1993)	44985001	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9900344
870.3700	Study by orally administration of S-31183 to rats prior to and in the early stages of pregnancy / English translation by A. Hirohashi, Sumitomo Chemical (Jan 22, 1993)	44985002	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 9900345
870.5265	Reverse mutation test of metabolites of pyriproxyfen, 4'-OH-Pyr, 5"-OH-Pyr, DPH-Pyr, POPA and PYPAC in bacterial systems.	44503507	Valent U.S.A. Corporation	OWN	ACCNO: 9700064
870.5395 84-4	Mouse Micronucleus Test on S-31183		Valent U.S.A. Corporation	OWN	ACCNO: 9800306
875.0000	Data Analysis and Interpretations of: Omite® 30W on Peaches – Worker Reentry and Propargite Dislodgeable and Total Residues on Peach and Nectarine Foliage, Peach Harvesting	40975308 40975307	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603035
875 Series	Data Analysis and Interpretations of: Omite 30W Worker Re-entry Study on California Grapes and Omite 30W Dislodgeable and Total Residues on Grape Foliage, Grape Cane Turning	40975304 40975302	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603036



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875 Series	Determination of Dermal & Inhalation exposure to Workers During On-Farm Application of a Dry Hopper Box Pesticide Treatment to Seed, & Planting of Treated Seed / using Orthene 75 S Soluble Powder	46634103	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200507776
875 Series – Part A	Summary of Exposure Data for all Mixer/Loader/Applicator Studies Conducted or Purchased by the ORETF: Professional Lawn Care Operators Applying Pesticides to Residential Turf and Homeowners Applying Pesticides to Residential Turf, Home Gardens, & Ornamental Plants	45663701	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603215
875.1100 875.1300	Carbaryl Mixer/Loader/Applicator Exposure Study during Application of RP-2 Liquid (21%), Sevin® Ready To Use Insect Spray or Sevin® 10 Dust to Home Garden Vegetables	44459801	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603221
875.1100 875.1300	Carbaryl Mixer/Loader/Applicator Exposure Study During Application of RP-2 Liquid (21%) to Fruit Trees & Ornamental Plants	44518501	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603220
875.1100 875.1300	Determination of Dermal and Inhalation Exposure to Workers During Application of a Liquid Pesticide Product by Open Cab Airblast Application to Orchard Crops	46448201	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200603228



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.1100 875.1300	Determination of Dermal and Inhalation Exposure to Workers During Application of a Liquid Pesticide Product by Open Cab Airblast Application to Orchard Crops - Amended Report	46634102	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200603229
875.1100 875.1300	Determination of Dermal and Inhalation Exposure to Workers During Closed-System Loading and ULV Application of a Liquid Pesticide Product to Cotton	46634105	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200603234
875.1100 875.1300	Determination of Dermal and Inhalation Exposure to Workers During On-Farm Application of a Dry Hopper Box Pesticide Treatment to Seed, & Planting of Treated Seed	46634103	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200603232
875.1100 875.1300	Integrated Report for Evaluation of Potential Exposures to Homeowners & Professional Lawn Care Operators Mixing, Loading, & Applying Granular & Liquid Pesticides to Residential Lawns	44972201	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603223
875.1100 875.1300	Outdoor Residential Pesticide Use and Usage Survey & National Gardening Association Survey	44972202	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603222
875.1100 875.1300	Refining Estimates of potential Hand-to-Mouth-Based Incidental Ingestion Exposure: Frequency of Hand to Mouth Contact	46042401	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603216
875.1100 875.1300	Refining Hand to Mouth Exposure Estimates: Finger Surface Area Contacting Mouth	46042402	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603217



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.110 875.1300	Validation of a Method for the Analysis of Malathion & Diazinon in Sock Matrix	46634106	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200603233
875.1100 875.1300	Validation of AHETF Method AHETF-AM-006, Determination of Carbaryl in Sock Samples"	46448202	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200603231
875.1100 875.1300	Validation of Methods for the Analysis of Exposure Matrices for Acephate	46634101	Agricultural Handlers Exposure Task Force (AHETF)	OWN	ACCNO: 200603230
875.2100	Dislodgeable and Total Foliar Residue Dissipation of Pyriproxyfen on Apple Leaves After Treatment with KNACK Insect Growth Regulator	44329502	Valent U.S.A. Corporation	OWN	ACCNO: 9500642
875.2400 875.2500	Agricultural Reentry Task Force Transfer Coefficient Database: A Generic Tool for Estimating Pesticide Exposure to Agricultural Workers Who Re-Enter Treated Crops	46040301	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603208
875.2400 875.2500	Agricultural Reentry Task Force Transfer Coefficient Database: A Summary of its Development and Use	46040302	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603207
875.2400 875.2500	Agricultural Worker Crop Contact from Reentry Activities Performed in the United States and Canada: Grower Results	44802601	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603209
875.2400 875.2500	Agronomic & Statistical Clustering of Agricultural Reentry transfer Coefficients (Addendum to Scope Survey MRID #44802601)	45175105	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603303



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	ARTF Peer Review Record	45491904	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603205
875.2400 875.2500	Data Analysis and Interpretations of: Evaluation of Reentry Exposure Following Application of Bayleton® Fungicide to an Apple Orchard; Apple Thinning	42428101	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603029
875.2400 875.2500	Data Analysis and Interpretations of: Evaluation of Reentry Exposure to Tribufos During Harvesting of Cotton Treated with DEF 6; Cotton Harvesting	42701601 45726302	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603032
875.2400 875.2500	Data Analysis and Interpretations of: Lorsban 4E & 50W Insecticides: Assessment of Chlorpyrifos Exposures to Applicators, Mixer/Loaders, and Re-entry Personnel During and Following Application to Low Crops; Cauliflower Scouting	42974501	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603034
875.2400 875.2500	Data Analysis and Interpretations of: OMITE 6E on Almonds - Worker Reentry Study & OMITE 6E on Almonds - Foliar Dislodgeable; Almond Harvesting	41848604 41848603 41848609	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603037
875.2400 875.2500	Data Analysis and Interpretations of: OMITE 30W on Peaches: Proper Reentry Study	43297602	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603038
875.2400 875.2500	Data Analysis and Interpretations of: OMITE on Beans: Weeder Reentry Study; Bean Weeding	42689104	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603041



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	Data Analysis and Interpretations of: OMITE on Cotton: Weeder Reentry Study	42689103	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603040
875.2400 875.2500	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan® 50 WP During Grape Harvest in California and Captan 50 WP Dislodgeable Residue Study on California Grapes; Grape Harvesting	40985601 40988603	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603044
875.2400 875.2500	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan 50 WP During Peach Harvest in California and Captan 50 WP Dislodgeable Residue Study on California Peaches; Peach Harvesting	40966501 40988604	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603043
875.2400 875.2500	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan 50 WP During Strawberry Harvest in California and Captan 50 WP Dislodgeable Residue Study on California Strawberries; Strawberry Harvesting	40966502 40988601	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603046
875.2400 875.2500	Data Analysis and Interpretations of: Worker Exposure to Residues of Captan 50 WP During Tomato Harvest in California and Captan 50 WP Dislodgeable Residue Study on California Tomatoes; Tomato Harvesting	40966503 40988602	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603047



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	Data Analysis and Interpretations of: Worker Re-entry Exposure While Harvesting Stone Fruit Treated with Ronilan DF Fungicide in California; Dissipation of Dislodgeable Foliar Residues of Vinclozolin (Ronilan DF Fungicide) Applied to Orchards – California and Georgia Sites; Peach Harvesting	42830002 42830001	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603031
875.2400 875.2500	Data Analysis and Interpretations of: Worker Re-entry Exposure While Harvesting Strawberries Treated with Ronilan DF Fungicide in California & Dissipation of Dislodgeable Foliar Residues of Vinclozolin (Ronilan DF Fungicide) Applied to Strawberries; Strawberry Harvesting	43013003 43013004	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603030
875.2400 875.2500	Data Analysis and Interpretations of: Worker Reentry Exposure to Profenofos in Cotton Treated with Curacron 8E; Cotton Hoeing	42851302	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603033
875.2400 875.2500	Data Analysis and Interpretations of: Worker Reentry Exposure While Harvesting Grapes Treated with Dibrom 8 Emulsive and Dissipation of Dislodgeable Foliar Residues of Dibrom 8 Emulsive Applied to Grapes	43223907 43223904	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603042
875.2400 875.2500	Determination of Dermal and Inhalation Exposure from Chlorothalonil to Reentry Workers During Harvesting in Sweet Corn	45005905	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603051
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Chrysanthemum Pinching in a Greenhouse	45344501	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603188



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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Hand-Harvesting in Blackberries (& reissue)	45138201 46405901	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603098
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Hand Line Irrigation in Potato (& amendment)	45224801 45726301	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603117
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Hand-Pruning in Apples	45480302	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603196
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Apples	45138202	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603097
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Cabbage	45530102	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603199
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Cauliflower	45005907	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603053
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Cucumbers	45480301	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603194
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Greenhouse Grown Cut Flowers (& amended report)	46789301 46513901	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603202
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Juice Grapefruit	45432302	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603190



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Juice Oranges	45432301	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603189
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Nursery Stock	45469502	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603192
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Oranges	45175101	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603099
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Sod	45432303	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603113
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Summer Squash	45491902	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603198
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Tobacco	45005911	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603096
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Harvesting in Wine Grapes	45491901	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603197
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Maintenance Activities in Golf Courses	46734001	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603302
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Maintenance Activities on Golf Courses	45530101	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603195



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Product: KNACK Insect Growth Regulator

Active Ingredient: Pyriproxyfen

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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Pruning in Nursery Stock	45469501	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603191
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Pruning of Olive Trees	45175102	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603112
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Scouting in Dry Peas	45005908	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603055
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Scouting in Grapes	45005910	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603077
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Scouting in Sunflower	45005909	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603300
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Scouting in Sweet Corn	45005904	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603050
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Tying in Tomatoes	45530103	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603200
875.2400 875.2500	Determination of Dermal and Inhalation Exposure to Reentry Workers During Weeding in Cabbage	45191701	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603114
875.2400 875.2500	Determination of Dermal & Inhilation Exposure to Reentry Workers During Scouting in Cauliflower	45005906	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603052



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	Determination of the Field Recovery & Stability of Diazinon & Malathion for Use in ARTF Reentry Exposure Studies	44972205	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603049
875.2400 875.2500	Evaluation of Dislodgeable Foliar Residue Techniques, Statistical Distributions, & Initial Residues	45574001	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603201
875.2400 875.2100	Evaluation of Transferable Turf Residue Data From Studies Conducted or Purchased by the ORETF	45262901	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603214
875.2400	Exposure of Professional Lawn Care Workers During the Mixing and Loading of Dry and Liquid Formulations and the Liquid Application of Turf Pesticides Utilizing a Surrogate Compound	44972203	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603213
875.2400	Exposure of Professional Lawn Care Workers During the Mixing, Loading, and Application of Granular Turf Pesticides Utilizing a Surrogate Compound	44972203	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603212
875.2400	Methodology for Determining Post-Application Dermal Exposure to Pesticide Residues on Turf	45262902	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603219
875.2400 875.2500	Peer Review Summary Report & ARTF Response to Peer Review Comments	45491903	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603204
875.2400 875.2500	Penetration of Clothing by Dislodgeable Foliar Residues of Pesticides During Agricultural Occupational Reentry	46789302	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603301



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Ingredient	<b>Pyriproxyfen</b>				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
875.2400 875.2500	Revised/Reissued: Agricultural Reentry Task Force Transfer Coefficient Database: A Summary of its Development and Use (original MRID: 46040302)	46734002	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603304
875.2400 875.2500	Technical Issues and Procedures for Handling Data from Agricultural Reentry Studies Purchased by ARTF	45491905	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603206
875.2400 875.2500	Validation of Methods for the Analysis of Worker Exposure and Reentry Matrices for Diazinon and Malathion	44972204	Agricultural Reentry Task Force (ARTF)	OWN	ACCNO: 200603048
890.1350 Japan Annex 6-2	Pyriproxyfen: Full Life Cycle Toxicity Test with Medaka (Oryzias latipes) under Flow-Through Conditions	48066202	Sumitomo Chemical Co., Ltd.	OWN	ACCNO: 201000086
87531100 875.1300	The ORETF Algorithm for Defining the Relationship of Transferable Turf Residues to Post- Application Dermal Exposure	46190501	Outdoor Residential Exposure Task Force (ORETF)	OWN	ACCNO: 200603226
None	Chronic Dietary and Drinking Water Exposure Analyses for Pyriproxyfen	46297304	Valent U.S.A. Corporation	OWN	ACCNO: 200300227
None	Chronic Dietary Exposure Assessment for Pyriproxyfen	45556001	Valent U.S.A. Corporation	OWN	ACCNO: 200100304
None	Data and Methodology Used for Spatial Analysis of California Red Legged Frog Observations and Proximate Land Cover Characteristics	47164602	CropLife America	OWN	ACCNO: 200900645



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
None	Dietary Exposure and Risk Assessment for Pyriproxyfen Residues in/on Citrus Fruit, Cotton, Fruiting Vegetables, Pome Fruit, Stone Fruit, and Tree Nuts	45221505	Valent U.S.A. Corporation	OWN	ACCNO: 200000290
None	Evaluation of Functional Equivalence of Other Scientifically Relevant Information (OSRI) to EPA's Tier 1 Screening Battery for Evaluating the Potential Estrogen, Androgen or Thyroid (EAT) Effects of Pyriproxyfen	48132701	Valent U.S.A. Corporation	OWN	ACCNO: 201000163
None	Generic Problem Formulation for California Red-Legged Frog	47164601	CropLife America	OWN	ACCNO: 200900644
None	GeoSTAC - GEOSpatial Tools and ACcess - Project Submission	47475301	CropLife America	OWN	ACCNO: 200900647
None	GeoSTAC - GEOSpatial Tools and ACcess - QA/QC Report and Response	47475302	CropLife America	OWN	ACCNO: 200900648
None	KNACK Insect Growth Regulator, ESTEEM 35 WP Insect Growth Regulator, ESTEEM Ant Bait Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerance for Pyriproxyfen on Brassica (Cole) Leafy Vegetables, Cucurbits Vegetables, and Olive	45556002	Valent U.S.A. Corporation	OWN	ACCNO: 200100305



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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
None	KNACK Insect Growth Regulator ESTEEM Insect Growth Regulator ESTEEM 35 WP Insect Growth Regulator Supplemental Information : Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerance for Pyriproxyfen on Stone Fruit	45221504	Valent U.S.A. Corporation	OWN	ACCNO: 200000310
None	Knack Insect Growth Regulator - Reduced Risk For Use on Stone Fruit	45324201	VALENT U.S.A. Corporation	OWN	ACCNO: 200100004
None	KNACK Insect Growth Regulator - Reduced Risk Petition For Use On Brassica, Cucurbits, and Olives	None	Valent U.S.A. Corporation	OWN	ACCNO: 200100339
None	The Mode of Action of Pyriproxyfen and Juvenile Hormone in Insects and Other Arthropods	44647801	Valent U.S.A. Corporation	OWN	ACCNO: 9800116
None	Petition Proposing A Tolerance for Pyriproxyfen Use in Fig Production	None	IR-4	OWN	ACCNO: 200200095
None	Petition Proposing A Tolerance for Pyriproxyfen Use in the Production of Avocado, Papaya, Star Apple, Black Sapote, Mango, Sapodilla, Canistel, Mamey Sapote, Pineapple, White Sapote, Ugli Fruit, Bananas, Plantains, and Coffee	None	IR-4	OWN	ACCNO: 200200117
None	Petition Proposing A Tolerance for Pyriproxyfen Use in the Production of Crops within the Bushberry Subgroup	None	IR-4	OWN	ACCNO: 200100292



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Ingredient	Pyriproxyfen					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes	
None	Pyriproxyfen Ant Bait Efficacy Data Summary	46900301	Valent U.S.A. Corporation	OWN	ACCNO: 200600353	
None	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on Grass, Forage, Fodder and Hay	46297301	Valent U.S.A. Corporation	OWN	ACCNO: 200400130	
None	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on the Stone Fruit Crop Grouping	None	Valent U.S.A. Corporation	OWN	ACCNO: 200000309	
None	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on the Brassica (Cole) Leafy Vegetables Crop Group, the Cucurbit Vegetables Crop Group, and Olive	None	Valent U.S.A. Corporation	OWN	ACCNO: 200100306	
None	A Review of Simulation Models for Evaluating the Effectiveness of Buffers in Reducing Pesticide Exposure	47773401	CropLife America	OWN	ACCNO: 200900588	
None	Supplemental Information: Statutory Findings and Information Summaries to Comply with the Food Quality Protection Act of 1996 in Support of Registration and Tolerance for Pyriproxyfen on Grass Forage, Fodder and Hay, Crop Group 17	46297302	Valent U.S.A. Corporation	OWN	ACCNO: 200400131	
None	Uterotropic Assay of Pyriproxyfen by Oral Route Using Juvenile Rat Investigation on Estrogenic Effect	48066201	Valent U.S.A. Corporation	OWN	ACCNO: 201000114	



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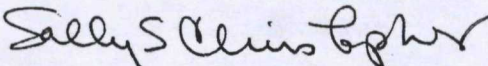

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Ingredient <b>Pyriproxyfen</b>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
None	Petition Proposing Tolerances for Pyriproxyfen Use in Multiple Crops Based on Reduced Data Set Translations [PP 6E7033]	None	Valent U.S.A. Corporation	OWN	ACCNO: 200600018
None	Pyriproxyfen - Summary of Data and Tolerance Petition Supporting Use on Cotton and Registration of KNACK Insect Growth Regulator	None	Valent U.S.A. Corporation	OWN	ACCNO: 9600321
None	Petition Proposing Tolerances for Pyriproxyfen Use In the Production of Vegetable, Bulb, Group 3-07; Vegetable, Fruiting, Group 8-10; Fruit, Citrus, Group 10-10; Fruit, Pome, Group 11-10; Caneberry, Subgroup 13-07A; Bushberry, Subgroup 13-07B; Berry, Low Growing, Except Strawberry, Subgroup 13-07H; and Herb Subgroup 19A		Valent U.S.A. Corporation	OWN	
Signature 			Name and Title  Robert L. Hamilton, Ph.D. Senior Regulatory Scientist		Date 11/ 03/ 11